

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: HALO1330-1	Serial No.: 10/539,110
Applicant: Frost et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: April 19, 2006	Group Art Unit: 1465

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
/IC/	AA	6,184,023	02/06/2001	Hashimoto et al.	435	232	07/07/1997
↓	AB	6,001,630	12/14/1999	Ichikawa et al.	435	232	05/18/1995
↓	AC	5,773,277	06/30/1998	Hashimoto et al.	435	232	05/18/1995
↓	AD	5,763,205	06/09/1998	Hashimoto et al.	435	232	05/18/1995
/IC/	AE	5,496,718	03/05/1996	Hashimoto et al.	435	232	06/23/1993

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
/IC/	AF	06153947	03/06/1994	JAPAN			
/IC/	AG	WO 2004/058147	07/15/2004	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

/IC/	AH	Csoka et al., "Expression Analysis of Six paralogous Human Hyaluronidase genes clustered on Chromosomes 3p21 and 7q31", Genomics 60(3):356-61, 1999
↓	AI	Database GenBank, US National Library Library of Medicine (Bethesda, MD, USA) No.P19678 GARDEL et al., February 1991
↓	AJ	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No.Q9UL99, CSOKA et al., May 2000
↓	AK	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No.Q9Y6T9, WILSON et al., November 1999
↓	AL	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No.AF009010 CSOKA et al., October 1999
/IC/	AM	DataBase GenBank, US National Library of Medicine (Bethesda, MD, USA) No.AK014599 CARNINCI et al., November 1999

EXAMINER /lqbal Chowdhury/ (12/04/2008) 0716561622.1 353994-26	DATE CONSIDERED
--	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: HALO1330-1	Serial No.: 10/539,110
	Applicant: Frost et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: April 19, 2006	Group Art Unit: 1465

/IC/	AN	DataBase GenBank, US National Library of Medicine (Bethesda, MD, USA) No.Q9D660 CARNINCI et al.
	AO	Gacesa et al., "Effect of ionic strength and serum on the activity profile of bone testicular hyaluronidase", Biochem. Soc. Trans 7(5):1287-9, 1979
	AP	Gold, "Purification and Properties of Hyaluronidase from Human Liver", J. Biochem. 205:69-74, 1982
	AQ	Hiyama et al., "Crystallization and Some Properties of Chondroitinase from Arthrobacter aureus", J. Biol. Chem., 250(5):1824-1828, 1975
	AR	Hiyama et al., "The Mode of Action of Two Chondroitinase-AC Preparations of Different Origin", J. Biochem (Tokyo) 80(6):1201-7, 1976
	AS	Michelacci et al., "A Comparative Study Between a Chondroitinase B and a Chondroitinase AC from Flavobacterium heparinum: Isolation of a Chondroitinase AC-susceptible dodecasaccharide from Chondroitin sulphate B", J. Biochem 151(1):121-9, 1975
	AT	Michelacci et al., "Isolation and Partial Characterization of an Induced Chondroitinase B from Flavobacterium Heparinum", Biochem. Biophys. Res. Commun. 56(4):973-80, 1974
✓ /IC/	AU	Suzuki et al., "Formation of Three Types of Disulfated Disaccharides from Chondroitin Sulfates by Chondroitinase Digestion", J. Biol. Chem. 243(7):1543-1550, 1968
	AV	Yamagata et al., "Purification and Properties of Bacterial Chondroitinases and Chondrosulfatases", J. Biol. Chem. 243(7):1523-1535, 1968

EXAMINER GTV6561622.1 353994-26 /Iqbal Chowdhury/ (12/04/2008)	DATE CONSIDERED
--	------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Electronic Acknowledgement Receipt

EFS ID:	2920663
Application Number:	10539110
International Application Number:	
Confirmation Number:	9011
Title of Invention:	Human chondroitinase glycoprotein (chasegp), process for preparing the same, and pharmaceutical compositions comprising thereof
First Named Inventor/Applicant Name:	Gregory I. Frost
Customer Number:	28213
Filer:	Lisa A. Haile/Cara Grifone
Filer Authorized By:	Lisa A. Haile
Attorney Docket Number:	DELIA1330-1
Receipt Date:	27-FEB-2008
Filing Date:	19-APR-2006
Time Stamp:	17:57:45
Application Type:	U.S. National Stage under 35 USC 371

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part / .zip	Pages (if appl.)
1		HALO1330-1IDS.pdf	163355	yes	4
			23d8f05273955b99f5a365b7d735f634 573785		

/IC/

Multiparts Description/PDF files in .zip description					
Document Description			Start	End	
Information Disclosure Statement Letter			1	2	
Information Disclosure Statement (IDS) Filed			3	4	
Warnings:					
Information:					
2	Foreign Reference	JP06153947.pdf	93856 c0d2723b33389bc3c39d726f71031c108 8ed1c1108	no	2
Warnings:					
Information:					
3	Foreign Reference	WO04058147.pdf	161979 7ad6096d6d4d4f84c4e6a5d3d83270fd 7790812a	no	4
Warnings:					
Information:					
4	NPL Documents	Csoka.pdf	653272 8962958a5067b2c2f88a279c185c1d4f 828813f	no	6
Warnings:					
Information:					
5	NPL Documents	P19678.pdf	92470 5e08f854d0d62bd1060c83edeb0b354 a5d9e049	no	2
Warnings:					
Information:					
6	NPL Documents	Q9UL99.pdf	76159 2332a50761a3b65a23a4d7105949f69d bc995a9e	no	2
Warnings:					
Information:					
7	NPL Documents	Q9Y6T9.pdf	83935 fcb912383659a880edc3669817616218c 7989a6d5	no	2
Warnings:					
Information:					
8	NPL Documents	AF009010.pdf	142524 a5394a2aefb0a0e1182507105a10a10d 91482215	no	2
Warnings:					
Information:					

/IC/	9	NPL Documents	AK014599.pdf	379513 63e7745d4365445e4939aa730a738534c 1d25888a	no	5
Warnings:						
Information:						
/IC/	10	NPL Documents	Q9D660.pdf	285755 8c4704ae15a02866c793c383a69e0208 0a5830e7	no	5
Warnings:						
Information:						
/IC/	11	NPL Documents	Gacesaetal.pdf	297847 b40e0aef5e553aaaad81e7070a3e0d db50b34	no	5
Warnings:						
Information:						
/IC/	12	NPL Documents	Gold.pdf	381626 966613e1848342c20a33a3e9726c76 7cab79130	no	6
Warnings:						
Information:						
/IC/	13	NPL Documents	Hiyama.pdf	787054 08c41630e932a83113b1d2532c06681f 87a5a23	no	5
Warnings:						
Information:						
/IC/	14	NPL Documents	HiyamaOkada.pdf	409468 42e4ca5c01e070787a2d5042c7a8a10b 4981758	no	7
Warnings:						
Information:						
/IC/	15	NPL Documents	Michelacci.pdf	621570 07509eb4dbcd3570405910252ebd7 8c20c88	no	10
Warnings:						
Information:						
/IC/	16	NPL Documents	MichelacciDietrich.pdf	249387 63d438b3157bb0c385e4e28c34e073 4721278	no	8
Warnings:						
Information:						
/IC/	17	NPL Documents	Suzukietal.pdf	249387 63d438b3157bb0c385e4e28c34e073 4721278	no	8
Warnings:						
Information:						

/IC/

18	NPL Documents	Yamagata.pdf	1510916	no	13
			#0481a5e5d330c0d473a1e09c7c7c0b0 d96042b		
Warnings:					
Information:					
Total Files Size (in bytes):				6639873	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

/lqbal Chowdhury/ (12/04/2008)